

AMENDMENTS TO THE CLAIMS

1. (Currently Amended) A binder for an electric double layer capacitor, comprising; a polymer (A),

~~containing~~ comprising 50% or more by weight of an acrylate monomer unit and 0.5 to 10% by weight of a polyfunctional unsaturated monomer unit, and
having two or more glass transition temperatures.

2. (Original) The binder for the electric double layer capacitor according to claim 1, wherein the polymer (A) is a complex.

3. (Currently Amended) The binder for the electric double layer capacitor according to claim 2, wherein the complex is a fine particle having a core-shell structure obtained by polymerizing stepwise a monomer mixture ~~containing~~ comprising an acrylate monomer.

4. (Currently Amended) A composition for an electric double layer capacitor, ~~containing~~ comprising the binder as claimed in claim 1, and an active material for an electrode.

5. (Currently Amended) The composition for the electric double layer capacitor according to claim 4, further ~~containing~~ comprising an electroconductivity additive.

6. (Currently Amended) The composition for the electric double layer capacitor according to claim 4, further ~~containing~~ comprising water.

7. (Currently Amended) A method for producing the composition for an electric double layer capacitor as claimed in claim 4, wherein;

mixing a binder for an electric double layer capacitor comprising the polymer (A) and an active material for an electrode ~~are mixed with each other~~ in a solvent to yield a dispersion, and

granulating the dispersion ~~is granulated~~ by spray drying method.

8. (Original) An electrode for an electric double layer capacitor, wherein the composition for the electric double layer capacitor as claimed in claim 4 is stacked on a current collector.

9. (Currently Amended) A method for producing the electrode for the electric double layer capacitor as claimed in claim 8, comprising the steps of:

applying, onto a current collector, a composition for an electric double layer capacitor ~~containing~~ comprising a binder for an electric double layer capacitor comprising the polymer (A), an active material for an electrode, and water, and;

then drying the composition, thereby forming an electrode layer on the current collector.

10. (Currently Amended) A method for producing the electrode for an electric double layer capacitor as claimed in claim 8, comprising the steps of:

dry-molding the composition for the electric double layer capacitor ~~containing~~ comprising the binder for the electric double layer capacitor comprising the polymer (A), and the active material for an electrode, and;

then forming an electrode layer on the current collector.

11. (Original) An electric double layer capacitor, comprising the electrode as claimed in claim 8, an electrolytic solution, and a separator.

12. (New) The binder for the electric double layer capacitor according to claim 1, wherein the polyfunctional unsaturated monomer is a dimethacrylate, a diacrylate, a divinyl compound, a non-conjugated diene, a trimethacrylate or a triacrylate.